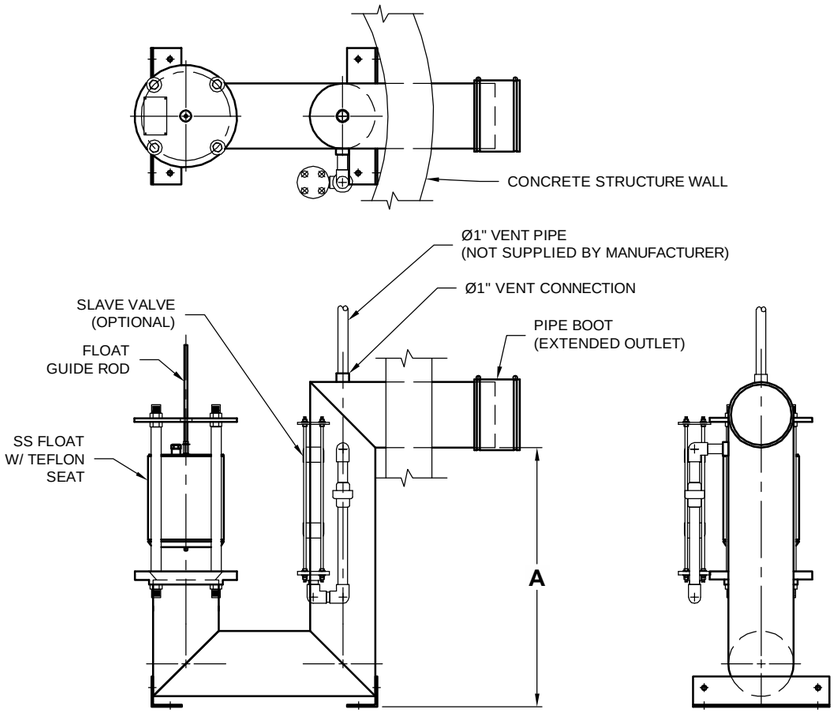
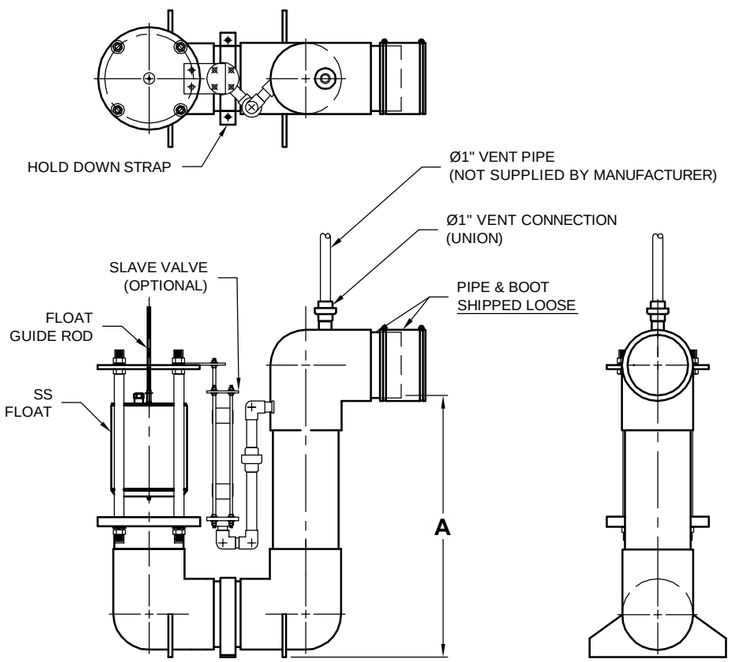


STAINLESS STEEL

SHOWN WITH SLAVE VALVE AND EXTENDED OUTLET



PVC

SHOWN WITH SLAVE VALVE

OSV MODEL TYPES AND SIZES

OIL STOP VALVE		VALVE MATERIAL	(MIN) DEPTH BELOW OUTLET INVERT (A)		MAX. CAPACITY	
TYPE	SIZE		FT	mm	GPM	L/s
STANDARD	OSV-4SS	STAINLESS STEEL	2'-3"	686	160	10.1
	OSV-6SS	STAINLESS STEEL	2'-6"	762	360	22.7
	OSV-8SS	STAINLESS STEEL	2'-10 1/2"	876	600	37.9
	OSV-10SS	STAINLESS STEEL	3'-1"	940	900	56.8
	OSV-12SS	STAINLESS STEEL	3'-5"	1042	1400	88.3
	OSV-4	PVC	2'-3"	686	160	10.1
	OSV-6	PVC	2'-6"	762	360	22.7
	OSV-8	PVC	2'-10 1/2"	876	600	37.9
EXTENDED OUTLET*	OSV-4SST	STAINLESS STEEL	2'-3"	686	160	10.1
	OSV-6SST	STAINLESS STEEL	2'-6"	762	360	22.7
	OSV-8SST	STAINLESS STEEL	2'-10 1/2"	876	600	37.9
	OSV-10SST	STAINLESS STEEL	3'-1"	940	900	56.8
	OSV-12SST	STAINLESS STEEL	3'-5"	1042	1400	88.3
SLAVE VALVE**	OSV-4SSSV	STAINLESS STEEL	2'-3"	686	160	10.1
	OSV-6SSSV	STAINLESS STEEL	2'-6"	762	360	22.7
	OSV-8SSSV	STAINLESS STEEL	2'-10 1/2"	876	600	37.9
	OSV-10SSSV	STAINLESS STEEL	3'-1"	940	900	56.8
	OSV-12SSSV	STAINLESS STEEL	3'-5"	1042	1400	88.3
	OSV-4SV	PVC	2'-3"	686	160	10.1
	OSV-6SV	PVC	2'-6"	762	360	22.7
	OSV-8SV	PVC	2'-10 1/2"	876	600	37.9
EXTENDED OUTLET W/ SLAVE VALVE	OSV-4SSTSV	STAINLESS STEEL	2'-3"	686	160	10.1
	OSV-6SSTSV	STAINLESS STEEL	2'-6"	762	360	22.7
	OSV-8SSTSV	STAINLESS STEEL	2'-10 1/2"	876	600	37.9
	OSV-10SSTSV	STAINLESS STEEL	3'-1"	940	900	56.8
	OSV-12SSTSV	STAINLESS STEEL	3'-5"	1042	1400	88.3

*A STAINLESS STEEL EXTENDED OUTLET (SST) IS RECOMMENDED WHEN FIRE IS A REAL POSSIBILITY. THIS FEATURE INCLUDES AN EXTENDED PIPE THROUGH THE OUTLET WALL OF THE STRUCTURE SO THERE IS NO CONNECTION INSIDE TO MELT AND POSSIBLY FAIL.

**A SLAVE VALVE (SV) IS RECOMMENDED IF EVAPORATION OR LEAKING MANHOLES COULD ALLOW THE STANDING WATER LEVEL TO DROP AND THE MAIN FLOAT TO CLOSE PREMATURELY. ONCE WATER ENTERS THE MANHOLE, THE SLAVE VALVE WILL OPEN AND EQUALIZE THE PRESSURE ALLOWING THE MAIN FLOAT TO REOPEN.

GENERAL NOTES

1. MANUFACTURER TO PROVIDE ALL MATERIALS UNLESS NOTED OTHERWISE.
2. NUMERICAL COMPONENT OF OSV SIZE INDICATES THE INLET/OUTLET PIPE DIAMETER.
3. ALL OSV UNITS ARE SHIPPED COMPLETE AND FULLY ASSEMBLED.
4. AN OPTIONAL HOUSING STRUCTURE MAY BE REQUESTED. STRUCTURE SHALL BE MANUFACTURED FROM PRECAST CONCRETE AND MAY BE EITHER ROUND OR SQUARE. OSV-4 UNITS MAY BE HOUSED IN EITHER 48-INCH OR 60-INCH (DIAMETER/SQUARE) STRUCTURE. ALL OTHER OSV UNITS MAY BE HOUSED IN EITHER 60-INCH OR 72-INCH STRUCTURES.
5. FOR SITE SPECIFIC DRAWINGS WITH DETAILED STRUCTURE DIMENSIONS AND WEIGHT, PLEASE CONTACT THE MANUFACTURER REPRESENTATIVE.
6. STRUCTURE SHALL MEET HS20 AND CASTINGS SHALL MEET AASHTO M306 LOAD RATING, ASSUMING GROUNDWATER ELEVATION AT, OR BELOW, THE OUTLET PIPE INVERT. ENGINEER OF RECORD TO CONFIRM ACTUAL GROUNDWATER ELEVATION.
7. CONTRACTOR TO PROVIDE AND INSTALL THE VENT PIPE WHICH MUST EXTEND ABOVE CONTAINMENT AREA.
8. AFTER THE OIL STOP VALVE IS INSTALLED, THE STRUCTURE MUST BE FILLED WITH WATER UNTIL THE LIQUID LEVEL IS AT THE INVERT OF THE OUTLET PIPE.
9. FOR ADDITIONAL INFORMATION REFER TO THE MANUFACTURER INSTALLATION MANUAL WHICH IS AVAILABLE UPON REQUEST.

INSTALLATION NOTES (IF HOUSING STRUCTURE IS INCLUDED)

A. ANY SUB-BASE, BACKFILL DEPTH, AND/OR ANTI-FLOTATION PROVISIONS ARE SITE-SPECIFIC DESIGN CONSIDERATIONS AND SHALL BE SPECIFIED BY ENGINEER OF RECORD.
B. CONTRACTOR TO PROVIDE EQUIPMENT WITH SUFFICIENT LIFTING AND REACH CAPACITY TO LIFT AND SET THE OIL STOP VALVE HOUSING STRUCTURE (LIFTING CLUTCHES PROVIDED)
C. CONTRACTOR TO INSTALL JOINT SEALANT BETWEEN ALL STRUCTURE SECTIONS AND ASSEMBLE STRUCTURE. (PROVIDED BY MANUFACTURER)
D. CONTRACTOR TO PROVIDE, INSTALL, AND GROUT INLET PIPE, AND CONNECT OUTLET PIPE TO BOOT (PROVIDED). MATCH PIPE INVERT WITH ELEVATIONS SHOWN ON APPROVED CONTRACT DRAWINGS.

AFL OIL STOP VALVE STANDARD DETAIL